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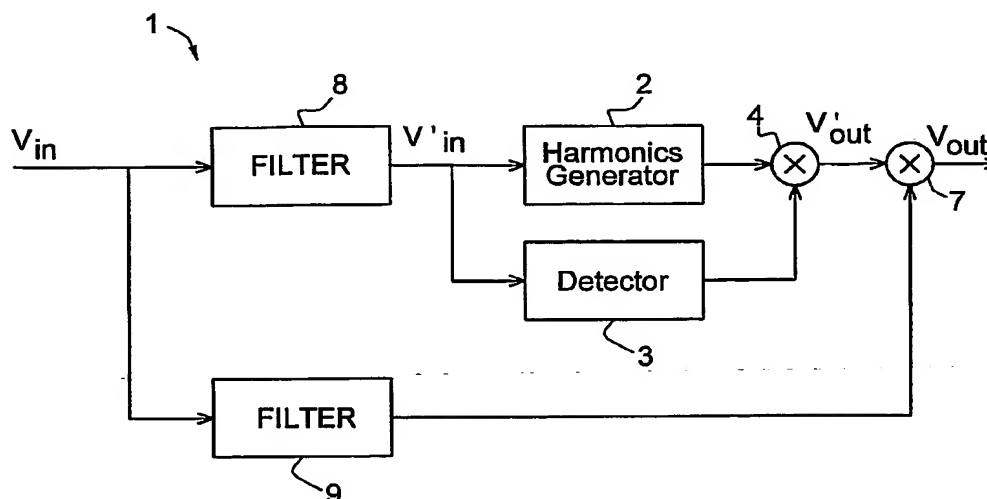
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(54) Title: SELECTIVE AUDIO SIGNAL ENHANCEMENT



(57) Abstract: An audio signal may be enhanced by adding enhancement signals, such as harmonics and/or sub-harmonics of the signal's bass components. To avoid any unwanted enhancement signals during soft passages or speech, it is proposed to monitor the audio signal for tonal signal components in a frequency range and to only add the enhancement signals if such tonal signals are detected. A tonal detector (3) may comprise sine and cosine generators whose frequency is preferably equal to a dominant frequency of the frequency range.



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